

## SEQUENCE LISTING

<110> Meyers, Rachel E.

<120> 80091, A NOVEL HUMAN UBIQUITIN  
CARBOXY-TERMINAL HYDROLASE FAMILY MEMBER AND USES THEREOF

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100227500T

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Ser	Pro	Ser	Ser	Ser	Arg	Lys	Ser	Gly	Thr	Ser	Cys	Pro	Ser	Ser	Lys
		1090			1095							1100			
Asn	Ser	Ser	Pro	Asn	Ser	Ser	Pro	Arg	Thr	Leu	Gly	Arg	Ser	Lys	Gly
		1105			1110					1115					1120
Arg	Leu	Arg	Leu	Pro	Gln	Ile	Gly	Ser	Lys	Asn	Lys	Leu	Ser	Ser	Ser
			1125			1130								1135	
Lys	Glu	Asn	Leu	Asp	Ala	Ser	Lys	Glu	Asn	Gly	Ala	Gly	Gln	Ile	Cys
		1140			1145							1150			
Glu	Leu	Ala	Asp	Ala	Leu	Ser	Arg	Gly	His	Val	Leu	Gly	Gly	Ser	Gln
		1155			1160							1165			

```

Pro Glu Leu Val Thr Pro Gln Asp His Glu Val Ala Leu Ala Asn Gly
  1170                1175                1180
Phe Leu Tyr Glu His Glu Ala Cys Gly Asn Gly Tyr Ser Asn Gly Gln
1185                1190                1195                1200
Leu Gly Asn His Ser Glu Glu Asp Ser Thr Asp Asp Gln Arg Glu Asp
                1205                1210                1215
Thr Arg Ile Lys Pro Ile Tyr Asn Leu Tyr Ala Ile Ser Cys His Ser
                1220                1225                1230
Gly Ile Leu Gly Gly Gly His Tyr Val Thr Tyr Ala Lys Asn Pro Asn
                1235                1240                1245
Cys Lys Trp Tyr Cys Tyr Asn Asp Ser Ser Cys Lys Glu Leu His Pro
                1250                1255                1260
Asp Glu Ile Asp Thr Asp Ser Ala Tyr Ile Leu Phe Tyr Glu Gln Gln
1265                1270                1275                1280
Gly Ile Asp Tyr Ala Gln Phe Leu Pro Lys Thr Asp Gly Lys Lys Met
                1285                1290                1295
Ala Asp Thr Ser Ser Met Asp Glu Asp Phe Glu Ser Asp Tyr Lys Lys
                1300                1305                1310
Tyr Cys Val Leu Gln
                1315

```

```

<210> 3
<211> 32
<212> PRT
<213> Artificial Sequence

```

```

<220>
<223> Consensus sequence

```

```

<400> 3
Thr Gly Leu Ile Asn Leu Gly Asn Thr Cys Tyr Met Asn Ser Val Leu
  1                5                10                15
Gln Cys Leu Phe Ser Ile Pro Pro Leu Arg Asp Tyr Leu Leu Asp Ile
                20                25                30

```

```

<210> 4
<211> 69
<212> PRT
<213> Artificial Sequence

```

```

<220>
<223> Consensus sequence

```

```

<400> 4
Gly Pro Gly Lys Tyr Glu Leu Tyr Ala Val Val Val His Ser Gly Ser
  1                5                10                15
Ser Leu Ser Gly Gly His Tyr Thr Ala Tyr Val Lys Lys Glu Asn Trp
                20                25                30
Tyr Lys Phe Asp Asp Asp Lys Val Ser Arg Val Thr Glu Glu Glu Val
                35                40                45
Leu Lys Glu Ser Gly Gly Glu Ser Gly Asp Thr Ser Ser Ala Tyr Ile
                50                55                60
Leu Phe Tyr Glu Arg
65

```

```

<210> 5
<211> 19

```

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```
<400> 7
Tyr Asn Leu Tyr Ala Ile Ser Cys His Ser Gly Ile Leu Gly Gly Gly
  1              5              10              15
His Tyr
```